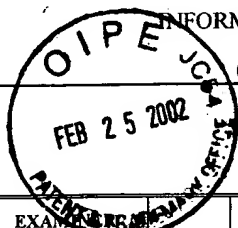


FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Serial No. 09/459,171
INFORMATION DISCLOSURE STATEMENT	Inventors: Leo J. Romanczyk, Jr., et al.
(Use several sheets if necessary)	Docket No. 5677/85



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
YO	1. 5,720,956	2/24/98	Method of Controlling the Reactivity of Human Blood Platelets by Oral Administration of the Extract of the Maritime Pine (Pycnogenol),			
*	2. 4,698,360	10/6/87	Plant Extract with A Proanthocyanidins Content as Therapeutic Agent Having Radical Scavenger Effect and Use Thereof			
*	3. 4,166,861	9/4/79	Pharmacologically Active Polyphenolic Substances			
YO	4. 4,797,421	1/10/89	Antioxidant Comprising Proanthocyanidin as Principal Component			

* Duplicates

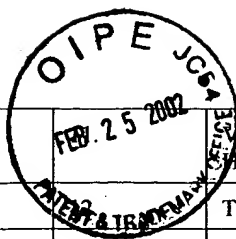
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
*	5. JP HEI 7-213251	8/15/95	Japan	
	6. JP 7-274894 ✓	10/24/95	Japan	
*	7. EP 0 348 781 A2	6/19/89		
*	8. JP 4-178320	6/25/92	Japan	

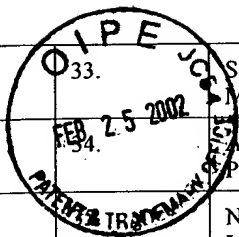
* Not Received.

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	9. Antioxidants in Chocolate, The Lancet, September 21, 1996
	10. Inhibition of LDL Oxidation by Cocoa, The Lancet, 348:1514, November 30, 1996



	J. Paolino, et al., Inhibition by Cocoa Extracts of Biosynthesis of Extracellular Polysaccharide by Human Oral Bacteria, Arch Oral Biol., 30: 359-363, 1985
	Toshihiko Osawa, Antioxidant Effect of Polyphenols in Chocolates and Cocoa, Pages 5-12
13.	Tsuyoshi Sakane, Immunoregulating Effect of Cocoa Mass Antioxidant Substance (CMP), 8-9
14.	W. S. Mueller, Antioxidative Properties of Cacao and Their Effect on Butteroil, Journal of Dairy Science, 37:754-760, 1954
15.	Dietary Flavonoids in Atherosclerosis Prevention, The Annals of Pharmacotherapy, 29:627-628, June 1995
16.	L.B.M. Tijburg, et al., Tea Flavonoids and Cardiovascular Diseases: A Review, Critical Reviews in Food Science and Nutrition, 37:771-785, 1997
17.	Wen-Chang Chang, et al., Inhibition of Platelet Aggregation and Arachidonate Metabolism in Platelets by Procyanidins, Prostaglandins Leukotrienes and Essential Fatty Acids, 38:181-188, 1989
18.	Collete Kelly, et al., Modulation of Human Platelet Function by Food Flavonoids, Biochemical Society Transactions 24:197S, 1996
19.	W.-C. Chang, et al., Inhibition of Platelet Activation and Endothelial Cell Injury by Flavan 3-ol and Saikosaponin Compounds, Prostaglandins Leukotrienes and Essential Fatty Acids, 44:51-56, 1991
20.	Michael S. Rohrbach, et al., Structural Determinants of the Platelet Agonist Activity of Cotton Bract Condensed Tannin, Environmental Research 52:199-209, 1990
21.	Anne Polette, et al., N-3 Fatty Acid-Induced Lipid Peroxidation in Human Platelets is prevented by Catechins, F.K. Schattauer Verlagsgesellschaft mbH (Stuttgart), 75:945-949, 1996
22.	Juei-Tang Cheng, Antihypertensive Principles from the Leaves of <i>Melastoma Candidum</i> , Planta Med., 59:405-406, 1993
23.	M. J. Sanz, et al., Isolation and Hypertensive Activity of a Polymeric Procyanidin Fraction from <i>Pistacia lentiscus</i> L., Pharmazie 47:466, 1992
24.	M.C. Terencio, et al., A Hypotensive Procyanidin-Glycoside from <i>Rhamnus Lycioides</i> SSP. <i>Lycioides</i> , Journal of Ethnopharmacology, 30:205-214, 1990
25.	M.C. Terencio, Antihypertensive Action of a Procyanidin Glycoside From <i>Rhamnus Lycioides</i> , Journal of Ethnopharmacology 31:109-114, 1991
26.	David F. Fitzpatrick, Endothelium-dependent Vasorelaxing Activity of Wine and Other Grape Products, The American Physiological Society, H774-H778, 1993
27.	Von C. Roddewig et al., Reaktion der lokalen Myokarddurchblutung von wachen Hunden und narkotisierten Katzen auf orale und parenterale Applikation einer Crataegusfraktion (oligomere Procyanidine), Arznei-Forsch/Drug Res., 27(II), 7-1407-1410, 1977
28.	Herbert Kolodziej, Synthesis of Condensed Tannins, Part 12. Direct Access to [4,6]- and [4-8]-all-2,3-cis-Procyanidin Derivatives from (-)-Epicatechin: Assessment of Bonding Positions in Oligomeric Analogues from <i>Crataegus oxyacantha</i> L., J. Chem. Soc. Perkin Trans. 1:343-350, 1984
29.	Nida Salah, et al., Polyphenolic Flavanols as Scavengers of Aqueous Phase Radicals and as Chain-Breaking Antioxidants, Archives of Biochemistry and Biophysics, 322:339-346, 1995
30.	Anne Negre-Salvayre, et al., Ultraviolet-Treated Lipoproteins as a Model System for the Study of the Biological Effects of Lipid Peroxides on Cultured Cells. III. The Protective Effect of Antioxidants (Probucol, Catechin, Vitamin E) Against the Cytotoxicity of Oxidized LDL Occurs in Two Different Ways, Biochimica et Biophysica Acta, 1096:291-300, 1991
31.	Qiong Guo, et al, Studies on Protective Mechanisms of Four Components of Green Tea Polyphenols Against Lipid peroxidation in Synaptosomes, Biochimica et Biophysica Acta, 1304:210-222, 1996
32.	Pierre L. Teissedre, et al., Inhibition of <i>In Vitro</i> Human LDL Oxidation by Phenolic Antioxidants from Grapes and Wines, J Sci Food Agric, 70:55-61, 1996



33.	Silvina B. Lotito, et al., (+)-Catechin Prevents Human Plasma Oxidation, Free Radical Biology & Medicine, 24:435-441, 1998
34.	Anne S. Meyer, Inhibition of Human Low-Density Lipoprotein Oxidation in Relation to Composition of Phenolic Antioxidants in Grapes (<i>Vitis Vinifera</i>), J. Agnc. Food Chem., 45:1638-1643, 1997
	N.W. Brattig, Immunoenhancing Effect of Flavonoid Compounds on Lymphocyte Proliferation and Immunoglobulin Synthesis, International Journal of Immunopharmacology, 6:205-215, 1984
36.	Marta Viana, In Vitro Effects of a Flavonoid-rich Extract on LDL Oxidation, Atherosclerosis, 123:83-91, 1996
37.	M. Gabor, et al., Effect of Benzopyrone Derivatives on Simultaneously Induced Croton Oil Ear Oedema and Carrageenin Paw Oedema in Rats, Acta Physiologica Hungarica, 77:197-207 (1991)
38.	G. Blazso, et al., Antiinflammatory Activities of Procyanidin-Containing Extracts from <i>Pinus pinaster</i> Ait. After Oral and Cutaneous Application, Pharmazie 52:380-382, 1997
39.	A.K. Ratty, Interaction of Flavonoids with 1,1-Diphenyl-2-Picrylhydrazyl Free Radical, Liposomal Membranes and Soybean Lipoxigenase-1, Biochemical Pharmacology, 37:989-995, 1988
40.	Chi-Tang Ho, et al., Antioxidative Effect of Polyphenol Extract Prepared from Various Chinese Teas, Preventive Medicine, 21:520-525, 1992
41.	Claudia Hartisch, et al, Dual Inhibitory Activities of Tannins from <i>Hammamelis virginiana</i> and Related Polyphenols on 5-Lipoxygenase and Lyso-PAF: Acetyl-CoA Acetyltransferase, Planta Medica, 63:106-110, 1997
42.	Bijun Xie, et al., Antioxidant Properties of Fractions and Polyphenol Constituents from Green, Oolong and Black Teas, Proceedings of the National Science Council, ROC, Part B: Life Sciences, 17:77-84
43.	Katia Tebib, et al., Dietary Grape Seed Tannins Affect Lipoproteins, Lipoprotein Lipases and Tissue Lipids in Rats Fed Hypercholesterolemic Diets, J. Nutr. 124:2451-2457, 1994
44.	Jadwiga Robak, et al., Bioactivity of Flavonoids, Polish Journal of Pharmacology, 48:555-564, 1996
45.	D. Zafirov, et al., Antiexudative and Capillaritonic Effects of Procyanidines Isolated from Grape Seeds (<i>V. Vinifera</i>), Acta Physiologica et Pharmacologica Bulgarica, 16:50-54, 1990
46.	Toshiaki Ariga, et al., Antioxidative Properties of Oligomeric Proanthocyanidins and Their Applications, Japanese Version, Fragrance Journal, Pages 52-56, 1994.
47.	Hiroshi Sakagami, et al., Stimulation of Monocyte Iodination and IL-1 Production by Tannins and Related Compounds, Anticancer Research 12:377-388, 1992
48.	A.M. Hackett, et al., The Metabolism and Excretion of (+)-[C]cyanidanol-3 in Man Following Oral Administration, Xenobiotica, 13:279-286
49.	Marie-Therese Meunier, Inhibition of Angiotensin I Converting Enzyme by Flavanolic Compounds: <i>In Vitro</i> and <i>In Vivo</i> Studies, Planta Medica, 53:12-15, 1987
50.	J.P.E. Spencer, et al., Decomposition of Cocoa Procyanidins in the Gastric Milieu, Biochemical and Biophysical Research Communications, 272:236-241, 2000
51.	Man Jong Lee, Investigation of the Chemical Structure of Polyphenol Compound Extracted from Cacao Bean and Their Hamper Effect on ACE, InterLingua.com, Inc. (Non-Certified, Unformatted Translation from Interlingua), Job. No. TG-LLS-2155, Pages. 1-6
52.	Andrew I. Schaefer, Antiplatelet Therapy, The American Journal of Medicine, 101:199-209, 1996
53.	Kazuo Fukushima, Anti-Caries Effect of Cocoa Bean Hot Water Extract, Pages 10, 12

EXAMINER	T. A. Solola	DATE CONSIDERED	3/18/02
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			



FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Serial No. 09/459,171

Inventors: Leo J. Romanczyk, Jr., et al.

Docket No. 5677-85

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Yo	4,228,162	10-14-80	Luzzi et al.	424	232	7-9-79
	4,275,059	6-23-81	Flora et al.	424	204	7-31-78
	4,769,575	9-6-88	Murata et al.	313	495	
	4,937,076	6-26-90	Lapidus	424	441	10-31-86
	5,753,296	5-19-98	Girsh	426	593	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

RECEIVED
FEB 28 2002
TECH CENTER 1600/2900

EXAMINER

T. A. Solola

DATE CONSIDERED

3/18/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.